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AP 1187131
SLA 61-10640

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Order from UC or SLA m\$2.40, pb\$3.30 - 61-10489

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For abstract see TT, v. 4, no. 11.

(Chemistry-Physical, TT, v. 5, no. 10)

61-10489

1. Petroleum- Impurities
2. Natural gas- Solubility
3. Safronova, T. P.
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Office of Technical Services

<p>Agafanov, A. V., Abayeva, B. T., and Okinshevich, N. A. CRACKING OF SEPARATE GROUPS OF HYDROCAR- BONS FROM ROMASHKINO RESIDUAL OIL IN THE PRESENCE OF NATURAL ALUMINO-SILICATE CATA- LYSTS (Kreking Ordelenykh Grupp Uglevodorodov Romashkinskogo Gidrana v Prisutstvii Prirodnykh Alumosilikatnykh Katalizatorov). [1961] [13 p. Order from LC or SLA m1\$2.40, ph\$3.30 61-10488 Trans. of Khim[iya] i Tekhnologiya Topliv i Maset (USSR) 1958 [v. 3] no. 2, p. 46-53.</p> <p>Principles are established governing the catalytic cracking of heavy oil feed stocks. At operating tem- peratures below those normally used in practice for thermal cracking, an adequate conversion is obtained for the different groups of hydrocarbons and compounds present in residuum (the overall degree of conver- sion is 85.6 to 88.7% by weight). Under the conditions of cata- lytic cracking, the greatest break down is shown by the (Chemistry--Organic, Tf, v. 5, no. 10) (over)</p>	<p>61-10488</p> <p>I. Hydrocarbons-- Decomposition I. Agafanov, A. V. II. Abayeva, B. T. III. Okinshevich, N. A.</p> <p>101581</p> <p>Office of Technical Services</p>
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Aleksandrov, S. N., Smulyakovskii, Ya. E., and
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SPEKTROANALYTISCHE BESTIMMUNG VON
VANADIUM UND NICKEL IN ERDÖLPRODUKTEN.
(Spectroscopic Determination of Vanadium and
Nickel in Mineral Oil Products). 5p.
Order from TIB \$1.20

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DESCRIPTORS: *Spectroscopy, Determination,
*Vanadium, *Nickel, *Mineral oils.

(Chemistry--Analytical, TT, v. 9, no. 11)

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Extraction of Phenols From Tar Fractions With
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A Study of the Influence of Steam on the
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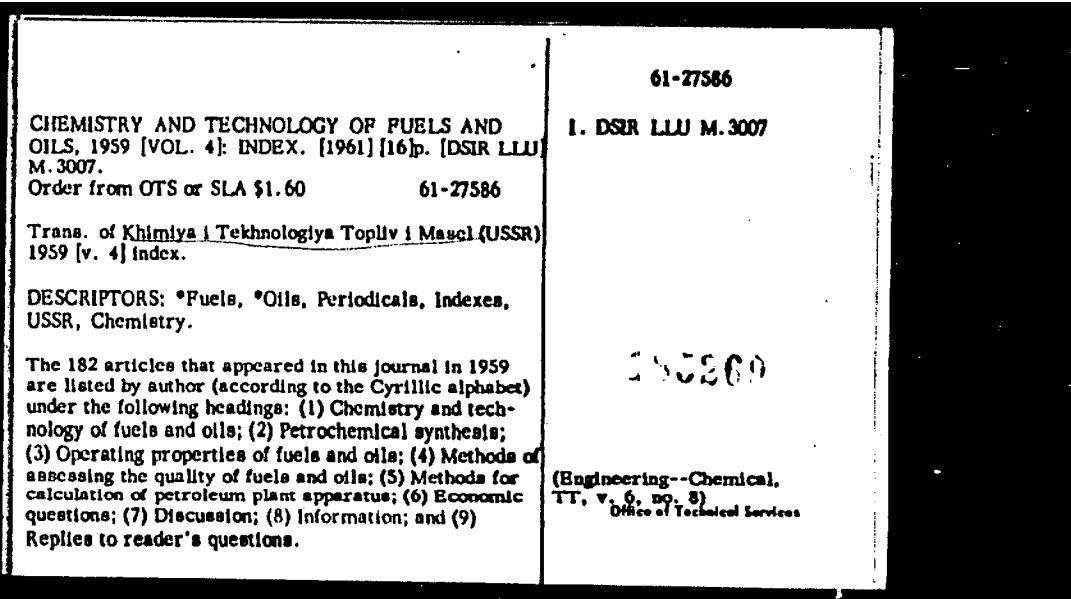
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DESCRIPTORS: *Lubrication, *Oils, Hydrocarbons,
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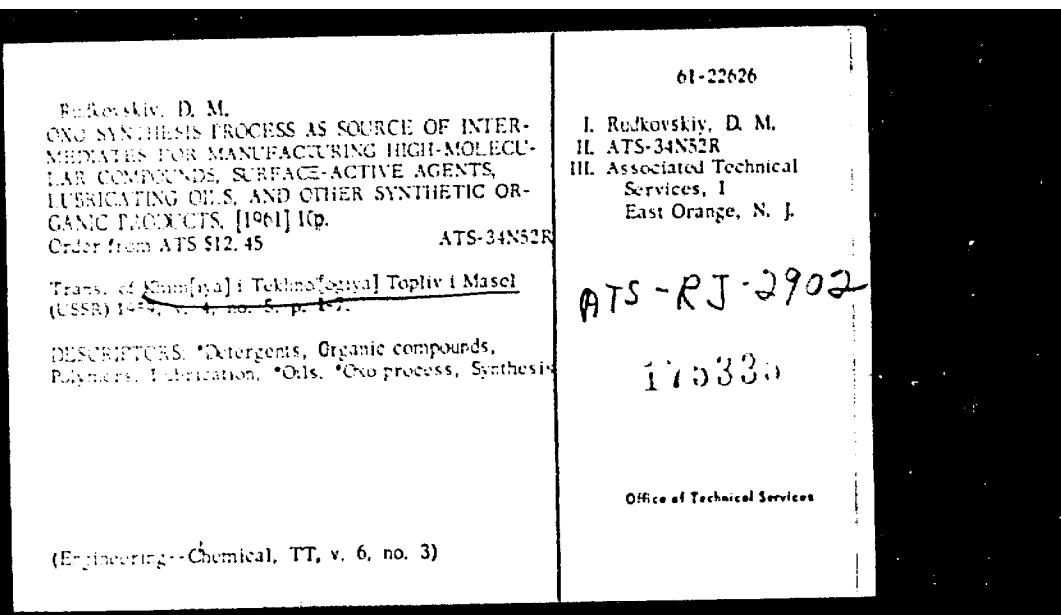
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Molecular weight, Catalysis, Coke

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